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| Subject Area : Design & Technology | |
| Year Group : 9 | Unit of Work : Acrylic/Plywood Mirror and Felt Pouch |
| Half Term :  1, 2 and 3  17 weeks | Skills : 3 weeks (Buffer task) – Road sign competition  Understanding what is meant by a theme Research skills Analysing the work of designers  Design ideas  Self-assessment and peer assessment of design ideas Client profile  Understanding the end user  Analysing design ideas using ACCESSFMM SME  Understand CAD, CAM and CNC  Designing mirror using 2D design  Understanding Tolerance  Understanding Input Output Process Researching adhesives  Understanding what fibres are  Understanding the properties of felt  Developing pattern drafting skills Understanding applique and using the technique Developing surface decoration skills – including hand embroidery  Research ethical fashion Understand how to attach buttons  Evaluation skills |
| Reasons behind order of topic in this half term | |
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| Subject Area : Design & Technology | |
| Year Group : 9 | Unit of Work : Fabric Bag |
| Half Term :  4, 5 and 6  18 weeks | Skills :  Understand the different parts of the sewing machine  Develop an understanding of different design movements Further develop research skills  Understand how to create a successful inspiration board  Develop design skills further  Critical thinking skills  Develop ICT skills  Understand the properties of neoprene  Develop knowledge of block printing  Research smart materials  Identify the properties of different smart materials  Identify the properties of cotton, polycotton and cotton twill Accurately create a repeat pattern Understand the process of dye sublimation Understand how to safely use the heat press  Understand how to safely attach a zip  Research different fastening techniques  Understand why seam allowance is added to pattern pieces  Understand how to reduce fraying  Develop sewing machine skills |
| Reasons behind order of topic in this half term | |
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